



276 FOURTH AVENUE  
CHULA VISTA, CA 91910

# Fire Engineer

CLOSED/PROMOTIONAL

This position is open only to City of Chula Vista employees who have attained "permanent" status.

RECRUITMENT NUMBER: 06560309P

SALARY: \$4,924.29 - \$5,985.50/ MONTHLY

FILING DEADLINE: 5 PM, WEDNESDAY, OCTOBER 4, 2006

## POSITION SUMMARY

To drive, operate, and maintain fire apparatus and equipment in response to fires and other emergencies and non-emergencies; and to perform related duties as assigned.

## ESSENTIAL FUNCTIONS

Functions may include, but are not limited to, the following: Drive and operate fire equipment; respond to emergency and non-emergency calls; perform rescue, and administer first aid; operate fire fighting and rescue equipment; maintain fire apparatus and other emergency equipment; inspect equipment, make minor adjustments and repairs, and maintain fuel and oil supply; clean, wash and service equipment; lay hose lines; test, wash and maintain hoses; operate pumping engine engaged in boosting water pressure through hose lines to the nozzle; perform hydraulic calculations for correct pumper pressure; operate aerial apparatus; perform rescue and life-saving work through the use of ladders; estimate heights and adjust equipment to insure proper and safe operation; operate radio and telephone equipment; participate and conduct drills and training; study geography of the City and the location of fire hydrants; perform building and grounds maintenance of station quarters; conduct community inspections; give demonstrations, classes and training to the public; assume charge of an engine company in the absence of the Captain. In addition, when assigned to training, develop, train and evaluate the performance of staff in the department's certification program for apparatus competency; assist in the Class B certification and general driver-training program; develop and conduct in-service and department trainings; research and conduct job analyses; and create standardized training videos.

## MINIMUM QUALIFICATIONS

**Education, Training and Experience:** Any combination equivalent to the completion of the twelfth grade supplemented by 15 semester units of college coursework in Fire Science or Fire Technology and one year as a full-time firefighter with the City of Chula Vista with successful completion of probation. Applicants must have passed the Chula Vista Fire Department's certification requirements for all Chula Vista fire apparatus. License: Possession of a Class B or Firefighter Restricted Class B California Driver's license.

**Knowledge, Skills and Abilities:** Knowledge of: the physical layout of the City and the location of fire hydrants, mains and their fire flow capabilities; fire suppression methods and techniques; emergency medical services; principles of hydraulics and construction; operating and mechanical principles involved in the operation and maintenance of fire apparatus and equipment; principles and practices of developing, conducting and evaluating training; Fire department rules and regulations; principles of fire services; local, State and Federal laws, codes and ordinances pertaining to fire safety and enforcement; maintenance of building and equipment used in fire protection. Ability to: understand and follow oral and written instructions quickly and correctly; operate and maintain fire equipment and apparatus; keep work related records and prepare reports using a computer; think and act quickly in emergencies; make sound judgments and decisions within established guidelines; work 24-hour shifts; train, motivate and evaluate assigned staff; and operate City vehicles observing legal and defensive driving practices.

## PHYSICAL DEMANDS

On a continuous basis, sit at a desk, walk, stand, bend, crouch, crawl, or stoop for varying periods of time; use hands and fingers to grasp tools; make repetitive hand and body motions; twist and reach below and above shoulder; lift heavy objects up to 100 lbs.; run and walk on uneven surfaces; climb ladders, pull heavy hoses; wear heavy equipment; carry heavy objects; memorize maps, write or use keyboard to communicate through written means; understand and carry out oral and written instructions; read and comprehend English; read signs and labels quickly; communicate in person, use a two-way radio, and use a telephone; see in the normal vision range, with or without correction; and hear in the normal range, with or without correction.

## APPLICATION PROCESS

To be considered for this position, applicants must submit a City Application Form by 5:00 p.m., Wednesday, October 4, 2006. Candidates whose applications indicate education and experience most directly related to the position will be invited to participate in the selection process. All notifications will be sent via U.S. mail.



Assigned Staff: Lisa Stires, (619) 409-5923, [lstires@ci.chula-vista.ca.us](mailto:lstires@ci.chula-vista.ca.us) • Published: 9/13/06  
Hours: 8am – 5pm, Monday – Friday • [www.chulavistaca.gov](http://www.chulavistaca.gov) • (619) 691-5096 • Job Hotline: (619) 691-5095

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